

BEFORE THE PUBLIC SERVICE COMMISSION OF UTAH

In the Matter of the)	Docket No. 07-057-13
Application of Questar Gas)	Direct
Company to Increase)	Testimony of
Distribution Non-Gas Rates)	Dr. J. Randall Woolridge
And Charges and Make)	For the Committee of
Tariff Modifications)	Consumer Services

March 31, 2008

**CAPITAL STRUCTURE, RETURN ON EQUITY, AND
OVERALL FAIR RATE OF RETURN**

DIRECT TESTIMONY AND EXHIBITS

OF

DR. J. RANDALL WOOLRIDGE

ON BEHALF OF

THE UTAH COMMISSSTE ON CONSUMER SERVICES

MARCH 31, 2008

QUESTAR GAS COMPANY

DOCKET NO. 07-057-13

**Direct Testimony of
Dr. J. Randall Woolridge**

TABLE OF CONTENTS

I.	Subject of Testimony and Summary of Recommendations	1
II.	Capital Costs in Today's Markets	5
III.	Comparison Group Selection	9
IV.	Capital Structure Ratios and Debt Cost Rates..	10
V.	The Cost of Common Equity Capital	11
	A. Overview	11
	B. Discounted Cash Flow Analysis	20
	DCF Recommendation	31
	C. Capital Asset Pricing Model Analysis	31
	CAPM Recommendation	53
	D. Equity Cost Rate Summary.	53
VI.	Critique of QGC's Rate of Return Testimony	58
VII.	Summary	85
	APPENDIX A - Qualifications of Dr. J. Randall Woolridge						

LIST OF EXHIBITS

<u>Exhibit</u>	<u>Title</u>
JRW-1	Recommended Cost of Capital
JRW-2	Summary Financial and Risk Statistics for Proxy Groups
JRW-3	Capital Structure Ratios
JRW-4	Public Utility Capital Cost Indicators
JRW-5	Industry Average Betas
JRW-6	DCF Study
JRW-7	CAPM Study
JRW-8	Historic Equity Risk Premium Evaluation